

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	952	((conductive scan\$4 data signal) and material and (pitch distance) and isolat\$4).clm.	US-PGPUB	OR	OFF	2007/03/16 15:59
L2	66	((conductive scan\$4 data signal) and material and (pitch distance) and isolat\$4 and (liquid adj crystal)).clm.	US-PGPUB	OR	OFF	2007/03/16 15:59

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	349/153 and (conduct\$ or dummy)and insulat\$ and overlap\$	USPAT	OR	OFF	2003/04/25 10:07
		345/206 and (conduct\$ or dummy)and insulat\$ and overlap\$ and (top adj gate)	USPAT	OR	OFF	2001/07/25 09:00
		349/151 and (conduct\$ or dummy)and insulat\$ and overlap\$ and (top adj gate)	USPAT	OR	OFF	2001/07/25 08:59
		349/149 and (conduct\$ or dummy)and insulat\$ and overlap\$ and (top adj gate)	USPAT	OR	OFF	2001/07/25 08:58
		349/149 and (conduct\$ or dummy)and insulat\$ and overlap\$	USPAT	OR	OFF	2001/07/25 08:57
		349/155 and (conduct\$ or dummy)and insulat\$ and overlap\$	USPAT	OR	OFF	2001/07/25 08:56
		349/190 and (conduct\$ or dummy)and insulat\$ and overlap\$	USPAT	OR	OFF	2001/07/25 08:55
		349/153 and (conduct\$ or dummy)and insulat\$	USPAT	OR	OFF	2006/12/11 14:45
		349/153 and (conduct\$ or dummy)	USPAT	OR	OFF	2004/11/24 14:56
		349/190 and (conduct\$ or dummy)and (top adj gate) and crystal\$	USPAT	OR	OFF	2004/11/29 13:02
L2	101	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch) and (liquid adj crystal) and @ad<"19961216"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:50
		349/153 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:52
S1	136	349/190	USPAT	OR	OFF	2006/12/12 08:42
S2	321	349/155	USPAT	OR	OFF	2001/07/25 08:40
S3	444	349/149	USPAT	OR	OFF	2001/07/25 08:40
S4	176	349/151	USPAT	OR	OFF	2001/07/25 08:40
S5	309	345/206	USPAT	OR	OFF	2001/07/25 08:42
S6	298	349/153	USPAT	OR	OFF	2001/07/26 08:15
S7	1	"5995189".pn.	USPAT	OR	OFF	2002/02/25 10:05

## EAST Search History

S8	4	349/153 and (conduct\$ or dummy)and (top adj gate) and crystal\$	USPAT	OR	OFF	2002/05/13 10:06
S9	407	(liquid adj crystal) and (conduct\$ or dummy)and (top adj gate) and crystal\$	USPAT	OR	OFF	2004/11/24 09:47
S10	125	(liquid adj crystal) and (conduct\$ or dummy)and (top adj gate) and crystal\$ and seal\$4	USPAT	OR	OFF	2002/05/13 12:53
S11	33	(liquid adj crystal) and (conduct\$ or dummy)and (top adj gate) and crystal\$ and seal\$4 and semiconductor.as.	USPAT	OR	OFF	2003/11/06 17:39
S12	165	(liquid adj crystal) and (conduct\$ or dummy)and (top adj gate) and crystal\$ and seal\$4 and semiconductor.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/25 09:48
S13	96	349/153 and (conduct\$ or dummy)and insulat\$ and overlap\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/25 10:16
S14	6	349/153 and 349/141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/25 10:39
S15	1	JP02214934.ap.	JPO	OR	OFF	2003/11/06 15:09
S16	1	JP04219642.ap.	JPO	OR	OFF	2003/11/06 16:10
S17	755	(liquid adj crystal) and (conduct\$ or dummy)and seal\$4 and semiconductor.as.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:40
S18	672	(liquid adj crystal) and (conduct\$ or dummy)and seal\$4 and insulat\$5 and semiconductor.as.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:41
S19	0	(liquid adj crystal) and (conduct\$ or dummy)and seal\$4 and insulat\$5 and semiconductor.as. and "349"/\$.ccls.	USOCR	OR	ON	2003/11/06 17:41
S20	139	(liquid adj crystal) and (conduct\$ or dummy)and seal\$4 and insulat\$5 and semiconductor.as. and "349"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:48
S21	140	(conduct\$ or dummy)and seal\$4 and insulat\$5 and semiconductor.as. and "349"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:49
S22	89	(conduct\$ or dummy)and (gate or scan\$4)and (data or signal)and seal\$4 and insulat\$5 and semiconductor.as. and "349"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:51

## EAST Search History

S23	5	((conduct\$ or dummy)and (gate or scan\$4)and (data or signal)and seal\$4) near10 insulat\$5 and semiconductor.as. and "349"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:55
S24	79	((conduct\$ or dummy)and (gate or scan\$4)and (data or signal)and seal\$4) near10 insulat\$5 and "349"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2003/11/06 17:56
S25	1	"20040179164".pn.	US-PGPUB	OR	OFF	2004/09/21 08:54
S26	10	349/153 and (conduct\$ or dummy)and (top adj gate) and crystal\$	USPAT	OR	OFF	2004/11/20 10:08
S27	11	349/153 and (conduct\$ or dummy)and (top adj gate) and crystal\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/20 10:08
S28	1716	(liquid adj crystal) and (conduct\$4 or dummy)and (top adj gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/20 10:48
S29	1716	(liquid adj crystal) and (conduct\$4 or dummy)and (top adj gate) and crystal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/20 10:49
S31	1	"5200847".pn.	USPAT	OR	OFF	2004/11/20 10:54
S32	23	"5148301".pn. "5179460".pn. "5200847".pn. "5323042".pn. "5396356".pn. "5517344".pn. "5537235".pn. "5572046".pn. "5598283".pn. "5619358".pn. "5621553".pn. "5684547".pn. "5684555".pn. "5691793".pn. "5706069".pn. "5745208".pn. "5798812".pn. "5929959".pn. "5995189".pn. "6011607".pn. "6037005".pn. "6055034".pn. "6072556".pn.	USPAT	OR	ON	2004/11/23 15:36
S33	73	(liquid adj crystal) and ((conduct\$4 or dummy) near10 seal\$4)and (top adj gate) and crystal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 15:45

## EAST Search History

S34	2873722	(conduct\$4 or dummy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 09:57
S35	565691	(conduct\$4 or dummy) near10 material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 09:57
S36	23834	(conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 15:31
S37	131	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) near10 seal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 11:44
S38	11	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) near10 seal\$4 and (seal\$4 near10 drive\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 10:00
S39	23834	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 11:45
S40	2949	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 11:46
S41	1228	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) and (liquid adj crystal)and seal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 11:46

## EAST Search History

S42	201	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) and (liquid adj crystal)and seal\$4 and (top adj gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 11:48
S43	96	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) and (liquid adj crystal)and seal\$4 and (top adj gate)and rectangular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 14:50
S44	74	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) near10 rectangular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 14:53
S45	13	((conduct\$4 or dummy) near10 material near10 (gate scan\$4 data signal)) near10 rectangular and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 14:54
S46	617	349/153 and (conduct\$ or dummy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 14:58
S48	83	349/190 and ((conduct\$ or dummy) near10 seal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 16:23
S49	4	((rectangular adj wave) or zogzag) near10 ((conduct\$4 or dummy) near10 seal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 16:26
S50	266	349/153 and ((conduct\$ or dummy) near10 seal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/24 16:32

## EAST Search History

S51	2025	(top adj gate) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 13:04
S52	1732	(top adj gate) and (liquid adj crystal) and (conduct\$4 or dummy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 13:09
S53	13	(top adj gate) and (liquid adj crystal) and ((conduct\$4 or dummy) near10 (rectangular or zigzag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 13:05
S54	358	(top adj gate) and "349"/\$.ccls. and (conduct\$4 or dummy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 14:14
S55	5	(top adj gate) and "349"/\$.ccls. and ((conduct\$4 or dummy) near10 (zigzag or rectangular))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 14:16
S56	226	"349"/\$.ccls. and ((conduct\$4 or dummy) near10 (zigzag or rectangular))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 14:16
S57	2794	(TFT or (thin adj film adj transistor)) near10 crystalline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 17:59
S58	209	((TFT or (thin adj film adj transistor)) near10 crystalline) and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/29 17:59

## EAST Search History

S59	924	(conduct\$4 or dummy) near10 pitch near10 (gate scan\$4 data signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 15:33
S60	29	(conduct\$4 or dummy) near10 extend\$4 near10 pitch near10 (gate scan\$4 data signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 13:52
S61	33	(conduct\$4 or dummy) near10 extend\$4 near10 pitch near10 (gate scan\$4 data signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 14:04
S62	9076	((conduct\$4 or dummy) near10 extend\$4) and pitch and (gate scan\$4 data signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 14:06
S63	1042	((conduct\$4 or dummy) near10 extend\$4) and pitch and (gate scan\$4 data signal) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 14:07
S64	35	((conduct\$4 or dummy) near10 extend\$4) and pitch and (gate scan\$4 data signal) and (liquid adj crystal) and 349/153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 14:07
S65	35	((conduct\$4 or dummy) near10 extend\$4) and pitch and (gate scan\$4 data signal) and 349/153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 14:10
S66	1	"5285301".pn.	USPAT	OR	OFF	2006/06/09 13:11
S67	828	349/153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 09:48



## EAST Search History

S68	53	349/153 and @ad<"19961216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 10:05
S69	618	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 09:57
S70	237	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch) and @ad<"19961216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:10
S71	16	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch) and (liquid adj crystal) and @ad<"19961216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:50
S72	70	349/158 and @ad<"19961216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 10:06
S73	1	"5757450".pn.	USPAT	OR	OFF	2006/06/09 13:12
S74	213	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch) and @ad<"19961216" and (isolat\$4 spac\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:37
S75	15	(conduct\$4 near10 (signal scan\$4)) and (extend\$4 near10 pitch) and @ad<"19961216" and (isolat\$4 spac\$4) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:38

## EAST Search History

S76	97	349/153 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 15:52
S77	33	349/190 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:46
S78	106	349/155 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:58
S79	148	349/149 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:58
S80	66	349/151 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:53
S81	117	345/206 and (conduct\$ or dummy)and isolat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:47
S82	25	349/151 and (conduct\$ or dummy)and isolat\$ and pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:54

## EAST Search History

S83	46	349/149 and (conduct\$ or dummy)and isolat\$ and pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:06
S84	27	349/155 and (conduct\$ or dummy)and isolat\$ and pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:02
S85	27	349/153 and (conduct\$ or dummy)and isolat\$ and pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:59
S86	905	((conductive scan\$4 data signal) and material and (pitch distance) and isolat\$4).clm.	US-PGPUB	OR	OFF	2006/12/12 08:45
S87	65	((conductive scan\$4 data signal) and material and (pitch distance) and isolat\$4 and (liquid adj crystal)).clm.	US-PGPUB	OR	OFF	2006/12/12 08:50
S88	66	((conductive scan\$4 gate data signal) and material and (pitch distance) and isolat\$4 and (liquid adj crystal)).clm.	US-PGPUB	OR	OFF	2006/12/12 08:50